

I am a qualified IT technician and self-hosting enthusiast seeking opportunities to learn and advance my career. Between motorcycling and writing, I've built and maintained a significant home IT lab and use it to run a number of services for use by friends and family, such as an XMPP server, Nextcloud instance and Git frontend.

## SKILLS

**Basic knowledge** Rust, C, JavaScript, PostgreSQL

**Intermediate knowledge** Cisco IOS, Python, Linux containers, Windows Server, VMWare ESXi, Network security, OpenWRT, Grafana, HTML, systemd, Proxmox VE

**Advanced knowledge** Ansible, Linux administration, Lua, IP networking, computer hardware

## PROJECTS

- **Minitel**: Network stack and related utilities for the OpenComputers mod for Minecraft (Lua)
- **LuPPC**: OpenComputers emulator for PowerPC Macintoshes, among others (C)
- **rconbridge**: Source rcon ↔ XMPP chat bridge (Python)
- **Izzy's Lab**: Video series with supporting notes about my networking lab.

## EXPERIENCE

### Student Technician at (org redacted)

*Student technician* 2015–2017  
Under (name redacted) I spent a majority of my high school career assisting him manage and administrate the school network, learning about enterprise networking and user-facing support.

- Deploying new hardware and software
- Maintaining the school network
- Providing support for end-users
- Non-standard troubleshooting and problem-solving

### Manual Labour at (org redacted)

*Maintenance and horticulture* 2019–2021

- Plant sorting
- Potting and planting
- Building maintenance

### Volunteer Teacher at (org redacted)

*Teaching and support* 2014–2020  
I spent several years teaching and assisting seniors weekly on a voluntary basis to better use the various computer hardware and software they wanted to master.

- Teaching classes relating to Linux, general software, and computer hardware
- Providing support for user machines
- Assisting with the organisation's website and archival storage
- Building, upgrading and maintaining user computers
- Assisting users to select computer hardware and software to suit their needs
- Maintaining and designing club computer systems
- Administration of and contribution to the club's user-facing wiki

## QUALIFICATIONS

- |      |  |
|------|--|
| 2019 | Diploma of Information Technology - Networking<br>NSW TAFE       |
| 2018 | Certificate 4 in Information Technology - Networking<br>NSW TAFE |
| 2018 | Certificate 3 in Information Technology - Networking<br>NSW TAFE |

## ACHIEVEMENTS

2019: Bronze Medal,  
*WorldSkills Regional Cyber Security Competition*

## REFERENCES

- |  |                                 |
|--|---------------------------------|
| (name redacted)                                | (PH Redacted)                   |
| <i>Owner, (org redacted)</i>                   |                                 |
| (name redacted)                                | (PH Redacted)                   |
| <i>Former President, (org redacted)</i>        |                                 |
| (name redacted)                                | (PH Redacted) (Leave a message) |
| <i>Former IT Administrator, (org redacted)</i> |                                 |

## CONTACT INFORMATION

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|----------------|---|
| <b>Phone</b>   | (PH Redacted)                                     |
| <b>Email</b>   | izzy@shadowkat.net                                |
| <b>Website</b> | <a href="https://shadowkat.net">shadowkat.net</a> |
| <b>XMPP</b>    | izzy@shadowkat.net                                |
| <b>GitHub</b>  | XeonSquared                                       |